

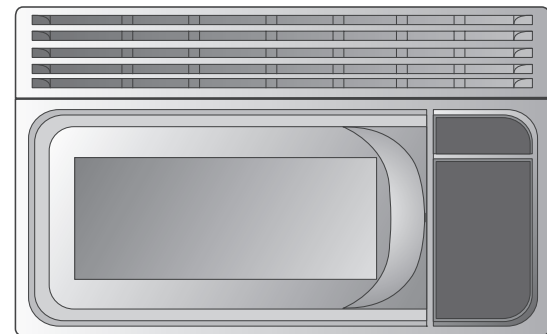


SAMSUNG

Microwave Oven

Owner's Manual

SMH3150



Code No. : DE68-00356U-02







Safety

PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

- A. Do not attempt to operate this oven with the door open since open-door operation can result in harmful exposure to microwave energy. It is important not to defeat or tamper with the safety interlocks.
- B. Do not place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surface.
- C. Do not operate the oven if it is damaged. It is particularly important that the oven door close properly and that there is no damage to the:
 1. Door (bent),
 2. hinges and latches, (broken or loosened),
 3. door seals and sealing surface.
- D. The oven should not be adjusted or repaired by anyone except properly qualified service personnel.

SAFETY INFORMATION

Congratulations on your new Samsung microwave oven. This manual contains important information on the installation, use and care of your appliance. Please take time to read this manual to take full advantage of your microwave oven's many benefits and features.

WHAT YOU NEED TO KNOW ABOUT SAFETY INSTRUCTIONS

Warnings and Important Safety Instructions in this manual do not cover all possible conditions and situations that may occur. It is your responsibility to use common sense, caution, and care when installing, maintaining, and operating your microwave oven.

IMPORTANT SAFETY SYMBOLS AND RECAUTIONS

What the icons and signs in this user manual mean:

 WARNING	Hazards or unsafe practices that may result in severe personal injury or death .
 CAUTION	Hazards or unsafe practices that may result in minor personal injury or property damage .
 CAUTION	To reduce the risk of fire, explosion, electric shock, or personal injury when using your microwave oven, follow these basic safety precautions.
	Do NOT attempt.
	Do NOT disassemble.
	Do NOT touch.
	Follow directions explicitly.
	Unplug the power plug from the wall socket.
	Make sure the machine is grounded to prevent electric shock.
	Call the service center for help.
	Note

These warning signs are here to prevent injury to you and others. Please follow them explicitly. After reading this section, keep it in a safe place for future reference.

SAVE THESE INSTRUCTIONS





Safety

IMPORTANT SAFETY INSTRUCTIONS

When using any electrical appliance, basic safety precautions should be followed, including the following:



WARNING

To reduce risk of burns, electric shock, fire, personal injury or exposure to excessive microwave energy:

1. Read all safety instructions before using the appliance.
2. Use this appliance only for its intended uses as described in this manual.
3. Read and follow the specific "Precautions to Avoid Exposure to Excessive Microwave Energy" on this page.
4. This appliance must be grounded. Connect only to properly grounded outlets. See Important "Grounding Instructions" on page 5 of this manual.
5. Install or locate this appliance only in accordance with the provided installation instructions.
6. Some products such as whole eggs and sealed containers for example, closed glass jars are able to explode and should not be heated in this oven.
7. Use this appliance only for its intended use as described in the manual. Do not use corrosive chemicals or vapors in this appliance. This type of oven is specifically designed to heat, cook, or dry food. It is not designed for industrial or laboratory use.
8. As with any appliance, close supervision is necessary when used by children.
9. Do not operate this appliance if it has a damaged cord or plug, if it is not working properly, or if it has been damaged or dropped.
10. Never try to repair the oven on your own. This appliance should be repaired or serviced only by qualified service personnel. Contact the nearest authorized service facility for examination, repair, or adjustment.
11. Do not cover or block any openings on the appliance.
12. Do not tamper with or make any adjustments or repairs to the door.
13. Do not store this appliance outdoors. Do not use this product near water for example, near a kitchen sink, in a wet basement, near a swimming pool, or similar locations.

14. Do not immerse cord or plug in water.
15. Keep cord away from heated surfaces. (including the back of the oven).
16. Do not let cord hang over edge of table or counter.
17. When cleaning surfaces of door and oven that comes together on closing the door, use only mild, nonabrasive soaps, or detergents applied with a sponge or soft cloth. Unplug the plug before cleaning.
18. To reduce the risk of fire in the oven cavity.
 - a. Do not overcook food. Carefully attend appliance when paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.
 - b. Remove wire twist-ties from paper or plastic bags before placing bag in oven.
 - c. If materials inside the oven ignite, keep oven door closed, turn oven off, and disconnect the power cord, or shut off power at the fuse or circuit breaker panel. If the door is opened, the fire may spread.
 - d. Do not use the cavity for storage purposes. Do not leave paper products, cooking utensils, or food in the cavity when not in use.
19. Liquids, such as water, milk, coffee, or tea are able to be overheated beyond the boiling point without appearing to be boiling. Visible bubbling or boiling when the container is removed from the microwave oven is not always present. **THIS COULD RESULT IN VERY HOT LIQUIDS SUDDENLY BOILING OVER WHEN THE CONTAINER IS DISTURBED OR A SPOON OR OTHER UTENSIL IS INSERTED INTO THE LIQUID.** To reduce the risk of injury to persons:
 - a. Do not overheat the liquid.
 - b. Stir the liquid both before and halfway through heating it.
 - c. Do not use straight-sided containers with narrow necks.
 - d. After heating, allow the container to stand in the microwave oven for a short time before removing the container.

SAVE THESE INSTRUCTIONS





Safety

- e. Use extreme care when inserting a spoon or other utensil into the container.
- 20. Clean Ventilating Hoods Frequently - Grease should not be allowed to accumulate on hood of filter.
- 21. When flaming foods under the hood, turn the fan on.
- 22. Use care when cleaning the vent-hood filter. Corrosive cleaning agent, such as lye-based oven cleaner, may damage the filter.



CAUTION

- 1. Clean Ventilating Hoods Frequently - Grease should not be allowed to accumulate on hood of filter.
- 2. When flaming foods under the hood, turn the fan on.
- 3. Use care when cleaning the vent-hood filter. Corrosive cleaning agent, such as lye-based oven cleaner, may damage the filter.

GROUNDING INSTRUCTIONS

This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electrical current. This appliance is equipped with a cord that includes a grounding wire and a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.



WARNING

Improper use of the grounding plug can result in a risk of electric shock.

- Plug into a grounded 3 prong outlet. Do not remove the third (grounding) prong. Do not use an adaptor or otherwise defeat the grounding plug.
- Consult a qualified electrician or service person if you do not understand the grounding instructions or if you are not sure if the appliance is properly grounded.
- We do not recommend using an extension cord with this appliance. If the power-supply cord is too short, have a qualified

electrician or serviceman install an outlet near the appliance. However, if it is necessary to use an extension cord, read and follow the "Use of Extension Cords" section below.

Use of Extension Cords

A short power-supply cord is provided to reduce the risk of becoming entangled in or tripping over a longer cord. Longer cord sets or extension cords are available and may be used if care is exercised in their use. If a long cord or extension cord is used:

1. The marked electrical rating of the cord set or extension cord should be at least as great as the electrical rating of the appliance.
2. The extension cord must be a grounding-type 3-wire cord and it must be plugged into a 3-slot outlet.
3. The longer cord should be arranged so that it will not drape over the counter top or tabletop where it can be pulled on by children or tripped over accidentally. If you use an extension cord, the interior light may flicker and the blower may vary when the microwave oven is on. Cooking times may be longer, too.

SAVE THESE INSTRUCTIONS





Safety



SEVERE WARNING SIGNS FOR INSTALLATION



The installation of this appliance must be performed by a qualified technician or service company.

- Failing to do so may result in electric shock, fire, an explosion, problems with the product, or injury.

Unpack oven, remove all packaging material and examine the oven for any damages such as dents on the interior or exterior of the oven, broken door latches, cracks in the door, or a door that is not lined up correctly. If there is any damage, do not operate the oven and notify your dealer immediately.

Remove all foreign substances such as dust or water from the power plug terminals and contact points using a dry cloth on a regular basis.

- Unplug the power plug and clean it with a dry cloth.
- Failing to do so may result in electric shock or fire.

Plug the power cord into a properly grounded outlet of standard. Your oven should be the only connected on this circuit.

- Sharing a wall socket with other appliances using a power strip or extending the power cord may result in electric shock or fire.
- Do not use an electric transformer. It may result in electric shock or fire.
- Ensure that the power voltage, frequency and current are the same as those of the product specifications. Failing to do so may result in electric shock or fire.

Keep all packaging materials out of the reach of children. Children may use them for play.



This appliance must be properly grounded. Read and follow the specific "Grounding Instructions" found in the beginning of this Section.

Do not ground the appliance to a gas pipe, plastic water pipe, or telephone line.

- This may result in electric shock, fire, an explosion, or problems with the product
- Never plug the power cord into a socket that is not grounded correctly and make sure that it is in accordance with local and national codes.

Do not cut or remove the third (ground) prong from the power cord under any circumstances.

Connect the oven to a 20A circuit. When connecting the oven to a 15A circuit, make sure that circuit breaker is operable.



Do not install this appliance in a humid, oily or dusty location, in a location exposed to direct sunlight and water (rain drops).

- This may result in electric shock or fire.

Plug the power plug into the wall socket firmly. Do not use a damaged power plug, damaged power cord or loose wall socket.

- This may result in electric shock or fire.

Do not operate any other heating or cooking appliance beneath this appliance.

Do not mount unit over or near any portion of a heating or cooking appliance.

Do not mount over a sink.

Do not pull or excessively bend the power cord.

Do not twist or tie the power cord.

Do not hook the power cord over a metal object, place a heavy object on the power cord, insert the power cord between objects, or push the power cord into the space behind the appliance.

- This may result in electric shock or fire.

Do not pull the power cord, when unplugging the power plug.

- Unplug the power plug by holding the plug.
- Failing to do so may result in electric shock or fire.



When the power plug or power cord is damaged, contact your nearest service center.



CAUTION SIGNS FOR INSTALLATION



This appliance should be positioned in such a way that it is accessible to the power plug.

- Failing to do so may result in electric shock or fire due to electric leakage.



Unplug the power plug when the appliance is not being used for long periods of time or during a thunder/lightning storm.

- Failing to do so may result in electric shock or fire.

SAVE THESE INSTRUCTIONS



Safety



SEVERE WARNING SIGNS FOR USING



If the appliance is flooded please contact your nearest service center : Failing to do so may result in electric shock or fire.

Read and follow the specific "Precautions to Avoid Possible Exposure to Excessive Microwave Energy", found in the beginning of this Section.

If the appliance generates a strange noise, a burning smell or smoke, unplug the power plug immediately and contact your nearest service center.

- Failing to do so may result in electric shock or fire.

In the event of a gas leak (such as propane gas, LP gas, etc.), ventilate immediately without touching the power plug. Do not touch the appliance or power cord.

- Do not use a ventilating fan.
- A spark may result in an explosion or fire.

Take care that the door or any of the other parts do not come into contact with the body while cooking or just after cooking.

- Failing to do so may result in burns.

In the event of a grease fire on the surface units below the oven, smother a flaming pan on the surface unit by covering the pan completely with a lid, a cookie sheet or a flat tray.

Never leave surface units beneath your oven unattended at high heat settings. Boilovers cause smoking and greasy spillovers that may ignite and spread if the vent fan is operating. To minimize automatic fan operation, use adequate sized cookware and use high heat on surface units only when necessary.

If materials inside oven should ignite, keep the oven door closed, turn the oven off and disconnect the power cord, or shut off power at the fuse or circuit breaker panel. If the door is opened, the fire may spread.

Always observe Safety Precautions when using your oven. Never try to repair the oven on your own - there is dangerous voltage inside. If the oven needs to be repaired, contact an authorized service center near you.



Do not attempt to repair, disassemble, or modify the appliance yourself.

- Since a high voltage current enters the product chassis, it may result in electric shock or fire.
- You may be exposed to electromagnetic waves.
- When repairing the appliance is required, contact your nearest service center.



If any foreign substance such as water has entered the appliance, unplug the power plug and contact your nearest service center.

- Failing to do so may result in electric shock or fire.



Do not touch the power plug with wet hands.

- This may result in electric shock.

Do not turn the appliance off by unplugging the power plug while an operation is in progress.

- Plugging the power plug into the wall socket again may cause a spark and result in electric shock or fire.

Keep all packaging materials well out of the reach of children, as packaging materials can be dangerous to children.

- If a child places a bag over its head, it may result in suffocation.

Do not let children or any person with reduced physical, sensory or mental capabilities use this appliance unsupervised.

Make sure that the appliance is out of the reach of children.

- Failing to do so may result in electric shock, burns or injury.

Do not touch the inside of the appliance immediately after cooking, because the inside of the appliance is hot after being heated for a long time or heating a small amount of food.

- Failing to do so may result in burns.

Do not use aluminum foil, metal objects (such as containers, forks, etc.) or containers with golden or silver rims.

- This may result in sparks or fire.

Do not use or place inflammable sprays or objects near the oven.

- This may result in fire or an explosion.

Do not insert fingers, foreign substances or metal objects such as pins or needles into the inlet, outlet, water supply cartridge input and output parts, and holes. If foreign substances are inserted into any of these holes, unplug the power plug from the wall socket and contact your product provider or nearest service center.

- Failing to do so may result in electric shock or injury.

Do not tamper with or make any adjustments or repairs to the door. Under no circumstances should you remove the outer cabinet.

Do not store or use oven outdoors.

SAVE THESE INSTRUCTIONS





Safety



CAUTION SIGNS FOR USING



When the surface is cracked, turn the power switch of the appliance off.

- Failing to do so may result in electric shock.

Dishes and containers can become hot. Handle with care.

Hot foods and steam can cause burns. Carefully remove container coverings, directing steam away from hands and face.

Remove lids from baby food before heating. After heating baby food, stir well to distribute the heat evenly. Always test temperature by tasting before feeding the baby. The glass jar or surface of the food may appear to be cooler than the interior, which can be so hot as to burn the infant's mouth.

Make sure all cookware used in the oven is suitable for microwaving.

Use microwavable cookware in strict compliance with such manufacturers recommendations.



Do not stand on top of the appliance or place objects (such as laundry, oven cover, lighted candles, lighted cigarettes, dishes, chemicals, metal objects, etc.) on the appliance.

- Items, such as a cloth, may be caught in the door.
- This may result in electric shock, fire, problems with the product, or injury.

Do not operate the appliance with wet hands.

- This may result in electric shock.

Do not spray volatile material such as insecticide onto the surface of the appliance.

- As well as being harmful to humans, it may also result in electric shock, fire or problems with the product.

Do not place the appliance over a fragile object such as a sink or glass object.

- This may result in damage to the sink or glass object.

Do not put your face or body close to the appliance while cooking or when opening the door just after cooking.

- Take care that children do not come too close to the appliance.
- Failing to do so may result in children burning themselves.

Do not place food or heavy objects over the door when opening the door.

- The food or object may fall and this may result in burns or injury.

Do not abruptly cool the door, the inside of the appliance, or the dish by pouring water over it during or just after cooking.

- This may result in damage to the appliance. The steam or water spray may



result in burns or injury.

Do not try to preheat oven or operate while empty.

Do not cook without the glass tray in place on the oven floor. Food will not cook properly without the tray.

Do not defrost frozen beverages in narrow-necked bottles. The containers can break.

Do not scratch the glass of the oven door with a sharp object.

- This may result in the glass being damaged or broken.

Do not store anything directly on top of the appliance when it is in operation.

Do not use sealed containers. Remove seals and lids before use. Sealed containers can explode due to buildup of pressure even after oven has been turned off.



SEVERE WARNING SIGNS FOR CLEANING

Do not clean the appliance by spraying water directly onto it.

Do not use benzene, thinner or alcohol to clean the appliance.

- This may result in discoloration, deformation, damage, electric shock or fire.

Before cleaning or performing maintenance, unplug the appliance from the wall socket and remove food waste from the door and cooking compartment.

- Failing to do so may result in electric shock or fire.

Take care not to hurt yourself when cleaning the appliance (external/internal)

- You may hurt yourself on the sharp edges of the appliance.

Do not clean the appliance with a steam cleaner.

- This may result in corrosion.

Keep the inside of the oven clean. Food particles or spattered oils stuck to the oven walls or floor can cause paint damage and reduce the efficiency of the oven.

SAVE THESE INSTRUCTIONS





Contents

Safety	3	Specifications	25
Contents	9	Warranty	26
Your New Microwave Oven	10	Quick Reference	27
Checking Parts	10		
Warranty and Service Information	10		
Setting up your Microwave Oven	10		
Control Panel	11		
Operation	12		
Child Lock	12		
Clock	12		
Demonstration Mode	12		
Kitchen Timer	12		
One Minute + ...	12		
Sound On/off	12		
Using the Instant cook pads	13		
Reheat	14		
Auto Defrost	15		
Using the microwave setting cooking times & Power levels	16		
More/less	18		
Vent Hi/Lo/Off	18		
Light Hi/Lo/Off	18		
Cooking Utensils	19		
Testing Utensils	19		
Cooking Techniques	20		
General microwave tips	21		
Appendix	22		
Troubleshooting Guide	22		
Care and Cleaning	23		
Cleaning the Grease filter	23		
Charcoal filter Replacement	24		
Cooktop/Night light Replacement	24		
Oven light Replacement	25		

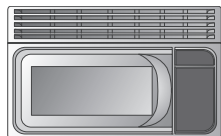




Your New Microwave Oven

Checking Parts

Unpack your microwave oven and check to make sure that you have all the parts shown here. If any part is missing or broken, call your dealer.



Microwave oven



Installation Instructions



Owner's Manual



Registration Card



Top Template



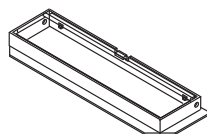
Wall Template



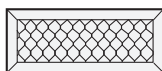
Glass Tray



Roller Guide Ring



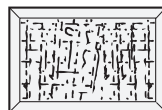
Exhaust adaptor
(Part No. : DE92-90242A)



Charcoal filter
(Part No. : DE63-00367E)



Hardware-kit
(Part No. : DE92-90505G)



Grease Filter
(Part No. : DE63-00196A)

Warranty and Service Information

To help us to serve you better, please complete the enclosed registration card and promptly return it by mail. If the registration card is missing, you can call Samsung Electronics Canada, Inc., at 1-800-SAMSUNG (1-800-726-7864), or register on-line at www.samsung.ca (*Fax no.: 905-542-1199)

When contacting Samsung, please provide the specific model and serial number information which is usually located on the back or bottom of the product. Please record these numbers below, along with the other requested information. Keep this information in a safe place as a permanent record of your purchase to aid in identification in case of theft or loss, and a copy of your sales receipt as a proof of purchase if warranty service is needed.

MODEL NUMBER _____

SERIAL NUMBER _____

DATE PURCHASED _____

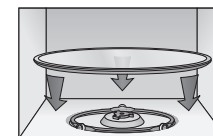
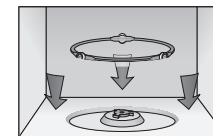
PURCHASED FROM _____

Warranty service can only be performed by a Samsung Authorized Service Center. If you should require warranty service, provide the above information with a copy of your sales receipt to the Samsung Authorized Service Center.

For service assistance and the location of the nearest service center, please call 1-800-SAMSUNG (1-800-726-7864).

Setting up your Microwave Oven

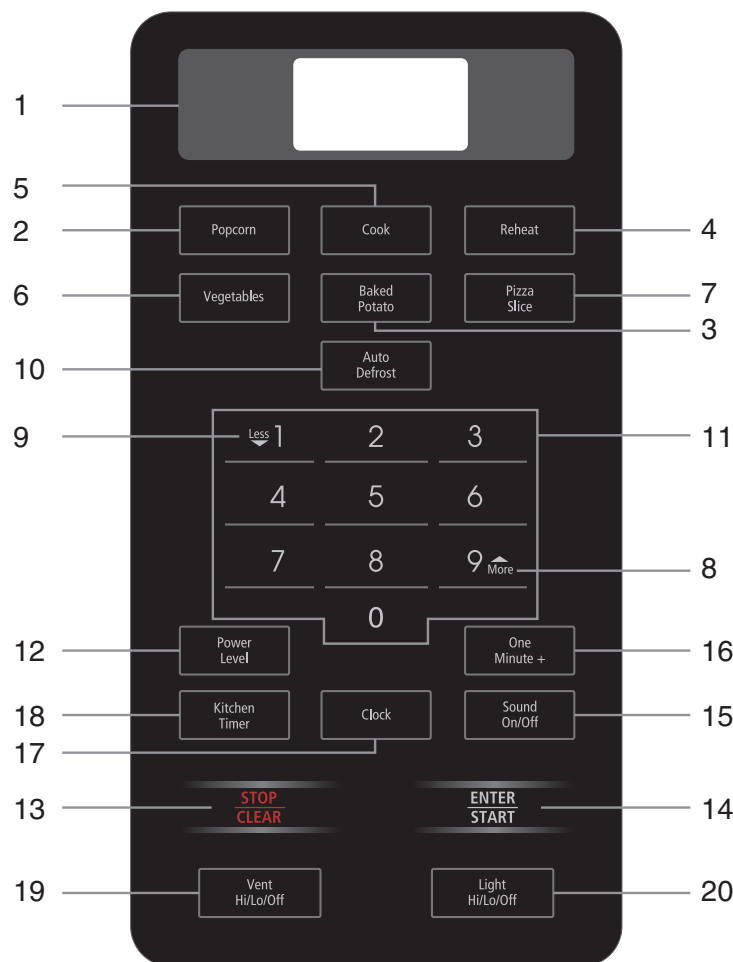
- 1 Plug the cord into a grounded outlet. Once plugged in, the display on your oven will show: **88:88**
- 2 Open the oven door by pulling the handle on the right side of the door.
- 3 Wipe the inside of the oven with a damp cloth.
- 4 Place the pre-assembled ring in the indentation in the center of the oven.
- 5 Place the glass tray securely in the center of the pre-assembled roller guide.





Your New Microwave Oven

Control Panel



- 1 DISPLAY**
The Display includes a clock and indicators to tell you time of day, cooking time settings and cooking functions selected.
- 2 POPCORN (P. 13)**
Touch this pad when popping popcorn in your microwave oven.
- 3 BAKED POTATO (P. 13)**
Touch this pad to cook potatoes.
- 4 REHEAT (P. 14)**
Touch this pad to reheat dinner plate, casserole, and pasta.
- 5 COOK (P. 13)**
Touch this pad to cook beverage, bacon, frozen dinner, frozen breakfast.
- 6 VEGETABLES (P. 13)**
Touch this pad to cook fresh vegetables, frozen vegetables.
- 7 PIZZA SLICE (P. 13)**
Touch this pad to reheat pizza.
- 8 MORE (P. 18)**
Touch this pad to add more cooking time.
- 9 LESS (P. 18)**
Touch this pad to subtract the cooking time.
- 10 AUTO DEFROST (P. 15)**
Touch this pad to defrost food by weight.
- 11 NUMBER**
Touch number pads to enter cooking time, power level, quantities, or weights.
- 12 POWER LEVEL (P. 16)**
Touch this pad to select a cooking power level.
- 13 STOP/CLEAR**
Touch this pad to stop the oven or to clear all entries.
- 14 ENTER/START**
Touch this pad to start a function. If you open the door after oven begins to cook, close door and touch ENTER/START again.
- 15 SOUND ON/OFF (P. 12)**
Touch this pad to turn off the sound. OFF will appear in the display.
- 16 One Minute + (P. 12)**
Touch this pad to set and start quickly at 100% power level.
- 17 CLOCK (P. 12)**
Touch this pad to enter the time of day.
- 18 KITCHEN TIMER (P. 12)**
Touch this pad to set the kitchen timer.
- 19 VENT HI/LO/OFF (P. 18)**
Touch this pad to turn the fan on or off.
- 20 LIGHT HI/LO/OFF (P. 18)**
Touch this pad to turn on the cooktop light.





Operation

Child Lock

You may lock the control panel to prevent the microwave from being accidentally started or used by children.

The Child Lock feature is also useful when cleaning the control panel. Child Lock prevents accidental programming when wiping the control panel.

Example: To set the child lock.

- 1 Touch and hold **ENTER/START** pad more than 3 seconds. **L** will appear in the display window with one beep.

Example: To cancel the child lock.

- 1 Touch and hold **ENTER/START** pad more than 3 seconds. **L** will disappear and you hear one beep.

Clock

Example: To set 8:00.

- 1 Touch **Clock** pad.
- 2 Enter the time by using the number pads.
- 3 Touch **ENTER/START** pad.

Demonstration Mode

You can use the Demonstration mode to see how your microwave oven operates without the oven heating.

- 1 Touch **0** pad and **1** pad at the same time.
To turn demo mode off, repeat step 1 above.

Kitchen Timer

You can use your microwave oven as a timer. Use the Kitchen Timer for timing up to 99 minutes, 99 seconds.

Example: To set for 3 minutes.

- 1 Touch Kitchen Timer pad.
 - 2 Enter the time by using the number pads.
 - 3 Touch **ENTER/START** pad.
- When the time is over, you will hear beeps and **End** will display.

One Minute +

This button offers a convenient way to heat food in one-minute increments at the High power level.

- 1 Touch the **One Minute +** pad once for each minute you wish to cook the food. For example, touch it twice for two minutes. The time will display, and the oven starts automatically.
- 2 Add minutes to a program in progress by touching the **One Minute +** pad for each minute you want to add.

Sound On/off

- 1 Touch **Sound On/off** pad. The display shows **On**.
- 2 Touch **Sound On/off** pad. The display shows **OFF**.
- 3 Touch **ENTER/START** pad. The display returns to the time of day.



Operation

Using the Instant cook pads

- 1 Touch the **Popcorn** pad corresponding to the food you are cooking (Popcorn, for example).
The display shows: **3.5 OZ**
- 2 Touch the pad repeatedly to select the serving size you want. The display will cycle through all available serving sizes. Once you select the correct serving size, the microwave will begin cooking automatically.

Cook

Cook pad provides four preset categories for cooking.

Example: To Cook 8 ozs of Frozen Dinner.

- 1 Touch **Cook** pad three times.
 - 2 Touch number pads to enter quantity, serving size or package weight.
 - 3 Touch **ENTER/START** pad.
- When the cook time is over, you will hear four beeps and **End** will display.

Category	Times to touch	Display
Beverage	once	Ac-1
Bacon	twice	Ac-2
Frozen Dinner	three times	Ac-3
Frozen Breakfast	four times	Ac-4

Auto cook table

Category		Directions	Amount
Popcorn		Use only one microwave-only bag of popcorn at a time. Use caution when removing and opening the hot bag from oven. Let oven cool for at least 5 minutes before using again.	3.0-3.5 oz 1 package
Potato		Prick each potato several times with fork. Place on turntable in spoke-like fashion. Let stand 3-5 minutes. Let oven cool for at least 5 minutes before using again. Use More(9) pad when cooking larger potatoes.	1 to 4 potatoes
VEGETABLES	(Fr-1) Fresh Vegetables	Place fresh vegetables in microwave-safe ceramic, glass or plastic dish and add 2-4 Tbs. water. Cover with lid or vented plastic wrap during cooking and stir before standing. Let oven cool for at least 5 minutes before using again. Use More(9) pad when cooking dense vegetables such as carrots or broccoli spears.	1 to 4 servings
	(Fr-2) Frozen Vegetables	Place frozen vegetables in microwave-safe ceramic, glass or plastic dish and add 2-4 Tbs. water. Cover with lid or vented plastic wrap during cooking and stir before standing. Let oven cool for at least 5 minutes before using again. Use More(9) pad when cooking dense vegetables such as carrots or broccoli spears.	1 to 4 servings
Pizza Slice		Put 1-3 slices of pizza on a microwave-safe plate with wide end of slice toward the outside edge of the plate. Do not let slices overlap. Do not cover. Let oven cool for at least 5 minutes before using again. Use More(9) pad to increase reheat time for thick crust pizza.	1 to 3 slices
COOK	(Ac-1) Beverage	Use measuring cup or mug; do not cover. Place the beverage in the oven. After heating, stir well. Let oven cool for at least 5 minutes before using again. Note: • Reheat times based on an 8 ounce cup. • Beverage heated with the beverage feature may be very hot. • Remove container with care.	0.5 cup 1 cup 2 cups



Operation

Auto cook table

Category	Directions	Amount
(Ac-2) Bacon	Place 2 paper towels on plate and arrange bacon on towels, do not overlap. Cover with additional paper towel. Remove paper towel immediately after cooking. Use More(9)/Less(1) pads for desired crispness.	2 to 6 slices
(Ac-3) Frozen Dinner	Remove food from outer wrapping and follow box instructions for covering and standing. Let oven cool for at least 5 minutes before using again.	8 to 14 oz.
(Ac-4) Frozen Breakfast	Follow package instructions for covering and standing. Use this pad for frozen sandwich, breakfast entree, etc. Let oven cool for at least 5 minutes before using again.	4 to 8 oz.



Note

Desired food temperature varies from person to person. Use the **More(9)/Less(1)** pads to fit your temperature preference.

Reheat

Reheat pad provides three preset categories for reheating.

Example: To reheat 3 servings of Casserole.

- 1 Touch **Reheat** pad 2 times.
- 2 Touch number pads to enter quantity/servings.
- 3 Touch **ENTER/START** pad.

When the cook time is over, you will hear four beeps and **End** will display.

Category	Times to touch	Display
Dinner Plate	once	rh-1
Casserole	twice	rh-2
Pasta	3 times	rh-3

Reheat table

Category	Directions	Amount
Dinner Plate	Use only pre-cooked, refrigerated foods. Cover plate with vented plastic wrap or waxed paper, tucked under plate. If food is not as hot as you prefer after heating with REHEAT, continue heating using time and power. Contents: • 3-4 oz. meat, poultry or fish (up to 6 oz. with bone) • 1/2 cup starch (potatoes, pasta, rice, etc.) • 1/2 cup vegetables (about 3-4 oz.)	1 serving (1 plate)
Casserole	Cover plate with lid or vented plastic wrap. If food is not as hot as you prefer after heating with REHEAT, continue heating using time and power. Stir foods once before serving. Contents: • Casserole-refrigerated foods. (Examples: Beef stew, Lasagna) • Pasta-Canned spaghetti and ravioli, refrigerated foods.	1 to 4 servings
Pasta		



Note

- Desired food temperature varies from person to person. Use the **More(9)/Less(1)** pads to fit your temperature preference.
- Allow food to stand 1 to 5 minutes before serving.



Operation

Auto Defrost

Defrost choices are preset in the oven. The defrost feature provides you with the best defrosting method for frozen foods, because the oven automatically sets the defrosting times according to the weight you enter. For added convenience, the AUTO DEFROST beeps to remind you to check or turn over the food during the defrost cycle.

After touching the **Auto Defrost** pad once, select the food weight. Available weight ranges are 0.1 to 6.0 lbs.

Example : To defrost 1.2 lbs of meat.

- 1 Touch **Auto Defrost** pad.
- 2 Enter the weight.
- 3 Touch **ENTER/START** pad.



Note

- After you touch **ENTER/ START** pad, the display counts down the defrost time. The oven will beep twice during the Defrost cycle. At this time, open the door and turn the food as needed. Remove any portions that have thawed then return frozen portions to the oven and touch **ENTER/START** pad to resume the defrost cycle.
- **The oven will not stop during the BEEP unless the door is opened.**

Defrost Tips

- When using AUTO DEFROST, the weight to be entered is the net weight in pounds and tenths of pounds (the weight of the food minus the container).
- Use AUTO DEFROST only for raw food. AUTO DEFROST gives best results when food to be thawed is a minimum of 0°F (taken directly from a true freezer). If food has been stored in a refrigerator-freezer that does not maintain a temperature of 5°F or below, always program a lower food weight (for a shorter defrosting time) to prevent cooking the food.
- If the food is stored outside the freezer for up to 20 minutes, enter

a lower food weight.

- The shape of the package alters the defrosting time. Shallow rectangular packets defrost more quickly than a deep block.
- Separate pieces as they begin to defrost. Separated pieces defrost more easily.
- Shield areas of food with small pieces of foil if they start to become warm.
- You can use small pieces of alu-minum foil to shield foods like chicken wings, leg tips, and fish tails, but the foil must not touch the side of the oven. Foil causes arcing, which can damage the oven lining.

Auto defrosting guide

Follow the instructions below when defrosting different types of food.

Category	Standard Amount	Procedure
Roast Beef, Pork	2.5-6.0 lbs.	Start with the food placed fat side down. After each stage, turn the food over and shield any warm portions with narrow strips of aluminum foil.
Steaks, Chops, Fish	0.5-3.0 lbs.	After each stage, rearrange the food. If there are any warm or thawed portions of food, shield them with narrow flat pieces of aluminum foil. Remove any pieces of food that are nearly defrosted. Let stand, covered, for 5-10 minutes.
Ground Meat	0.5-3.0 lbs.	After each stage, remove any pieces of food that are nearly defrosted. Let stand, covered with foil, for 5-10 minutes.
Whole Chicken	2.5-6.0 lbs.	Remove giblets before defrosting poultry. Start defrosting with the breast side down. After the first stage, turn the chicken over and shield any warm portions with narrow strips of aluminum foil. After the second stage, again shield any warm portions with narrow strips of aluminum foil. Let stand, covered, for 30-60 minutes in the refrigerator.





Operation

Auto defrosting guide

Category	Standard Amount	Procedure
Chicken Pieces	0.5-3.0 lbs.	After each stage, rearrange or remove any pieces of food that are nearly defrosted. Let stand for 10-20 minutes.
Bread	0.1-2.0 lbs.	Arrange rolls in a circle horizontally on kitchen paper in the middle of turntable. Turn over after half of defrosting time!



Note

Check foods when the oven signals. After the final stage, small sections may still be icy; let them stand to continue thawing. Do not defrost until all ice crystals have thawed. Shielding roasts and steaks with small pieces of foil prevents the edges from cooking before the center of the food has defrosted. Use narrow, flat, smooth strips of aluminum foil to cover the edges and thinner sections of the food.

Using the microwave setting cooking times & Power levels

Your oven allows you to set up three different stages of cooking, each with its own time length and power level. The power level lets you control the heating intensity from Warm (1) to High (10/Power level).

Cooking at high power levels

Example: To cook food for 8 minutes 30 seconds at 100% power.

- 1 Enter the cook time.

8 3 0

- 2 Touch **ENTER/ START** pad.

When the cook time is over, you will hear four beeps and **End** will display.

Cooking at lower power levels

HIGH power cooking does not always give you the best results with foods that need slower cooking, such as roasts, baked goods, or custards. Your oven has 9 power settings in addition to HIGH.

Example: To cook food for 7 minutes 30 seconds at 70% power.

- 1 Enter the cook time.

7 3 0

- 2 Touch **Power Level** pad.

- 3 Enter the power level.

7

- 4 Touch **ENTER/ START** pad.

When the cook time is over, you will hear four beeps and **End** will display.

See cooking guide for Power levels, page 17.





Operation

Cooking with more than one cook cycle

For best results, some recipes call for one Power Level for a certain length of time, and another Power Level for another length of time. Your oven can be set to change from one to another automatically, for up to three cycles at the first cycle is defrost.

Example: To cook food for 3 minutes at 90% power and then 70% power for 7 minutes 30 seconds.

- 1 Enter the first cook time.

3 0 0

- 2 Touch **Power Level** pad.

- 3 Enter the power level.

9 More

- 4 Enter the second cook time.

7 3 0

- 5 Touch **Power Level** pad.

- 6 Enter the power level.

7

- 7 Touch **ENTER/ START** pad.

When the cook time is over, you will hear four beeps and **End** will display.

Cooking guide for power levels

The 9 power levels in addition to HIGH allow you to choose the best power level for the food you are cooking. Below are listed all the power levels, examples of foods best cooked at each level, and the amount of microwave power you are using.

POWER LEVEL	MICROWAVE OUTPUT	USE
10 High	100%	- Boil water. - Cook ground beef. - Make candy. - Cook fresh fruits and vegetables. - Cook fish and poultry. - Preheat browning dish. - Reheat beverages. - Bacon slices.
9	90%	- Reheat meat slices quickly. - Saute onions, celery, and green pepper.
8	80%	- All reheating. - Cook scrambled eggs.
7	70%	- Cook breads and cereal products. - Cook cheese dishes, veal. - Cook cakes, muffins, brownies, cupcakes.
6	60%	Cook pasta.
5	50%	- Cook meats, whole poultry. - Cook custard. - Cook whole chicken, turkey, spare ribs, rib roast, sirloin roast.
4	40%	- Cook less tender cuts of meat. - Reheat frozen convenience foods.
3	30%	- Thaw meat, poultry, and seafood. - Cook small quantities of food. - Finish cooking casserole, stew, and some sauces.
2	20%	- Soften butter and cream cheese. - Heat small amounts of food.
1	10%	- Soften ice cream. - Raise yeast dough.





Operation

More/less

The **More(9)/Less(1)** pads allow you to adjust pre-set cooking times. They only work in the Reheat, Auto Cooking, One Minute +, Time Cook modes. Use the **More(9)/Less(1)** pads only after you have already begun cooking with one of these procedures.

- 1 To ADD more time to an automatic cooking procedure: Touch the **More(9)** pad.
- 2 To REDUCE the time of an automatic cooking procedure: Touch the **Less(1)** pad.

Vent Hi/Lo/Off

The VENT moves steam and other vapors from the cooking surface. The vent will operate at low speed whenever the oven is on.

- 1 To operate the vent manually: Touch Vent pad once for High fan speed, twice for Low fan speed, or three times to turn the fan off.



Note

If the temperature gets too hot around the microwave oven, the fan in the vent hood will automatically turn on at the LOW setting to cool the oven. The fan will automatically turn off when the internal parts are cool. When this occurs, the vent cannot be turned off.

Light Hi/Lo/Off

- 1 Touch **Light Hi/Lo/Off** pad once for bright light, twice for night light, or three times to turn the light off.



Cooking Instructions

Cooking Utensils

Recommended Use

- **Glass and glass-ceramic** bowls and dishes - Use for heating or cooking.
- **Microwavable plastic wrap** - Use to cover. Leave a small opening for some steam to escape and avoid placing it directly on the food.
- **Wax paper** - Use as a cover to prevent spattering.
- **Paper towels and napkins** - Use for short-term heating and covering; they absorb excess moisture and prevent spattering. Do not use recycled paper towels, which may contain metal and can catch fire.
- **Paper plates and cups** - Use for short-term heating at low temperatures. Do not use recycled paper, which may contain metal and can catch fire.
- **Thermometers** - Use only those labeled "Microwave-Safe" and follow all directions. Check the food in several places. Conventional thermometers may be used once the food has been removed from the oven.

Limited Use

- **Aluminum foil** - Use narrow strips of foil to prevent overcooking of exposed areas. Using too much foil can damage your oven, so be careful.
- **Ceramic, porcelain, and stoneware** - Use these if they are labeled "Microwave-Safe". If they are not labeled, test them to make sure they can be used safely. Never use dishes with metallic trim.
- **Plastic** - Use only if labeled "Microwave-Safe". Other plastics can melt.
- **Straw, wicker, and wood** - Use only for short-term heating, as they can be flammable.

Not Recommended

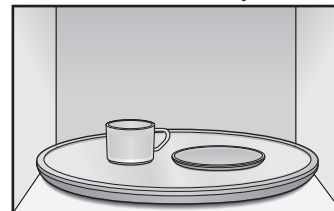
- **Glass jars and bottles** - Regular glass is too thin to be used in a microwave, and can shatter.
- **Paper bags** - These are a fire hazard, except for popcorn bags that are designed for microwave use.

- **Styrofoam plates and cups** - These can melt and leave an unhealthy residue on food.
- **Plastic storage and food containers** - Containers such as margarine tubs can melt in the microwave.

Testing Utensils

If you are not sure whether a dish is microwave-safe or not, you can perform this test:

- 1 Fill 1 cup of glass measuring cup with water and put it inside your oven, next to the dish you want to test.



- 2 Touch the **One Minute +** pad once to heat them for one minute at High power.
The water should be warm and the dish you are testing should be cool. If the dish is warm, then it is absorbing microwave energy and is not acceptable for use in the microwave.

Recommended Use

- **Metal Pans** - Use for all types of baked products, but especially where browning is important. Dark or dull finish metal pans are best for breads and pies because they absorb heat and produce crisper crust.
- **Shiny aluminum pans** - Use for cakes, cookies or muffins because they reflect heat and help produce a light tender crust.
- **Glass or Gladd-Ceramic** - Casserole or baking dishes are best suited for egg and cheese recipes due to the cleanability of glass.



Cooking Instructions

Cooking Techniques

Stirring

Stir foods such as casseroles and vegetables while cooking to distribute heat evenly. Food at the outside of the dish absorbs more energy and heats more quickly, so stir from the outside to the center. The oven will turn off when you open the door to stir your food.

Arrangement

Arrange unevenly shaped foods, such as chicken pieces or chops, with the thicker, meatier parts toward the outside of the turntable where they receive more microwave energy. To prevent overcooking, place thin or delicate parts toward the center of the turntable.

Shielding

Shield food with narrow strips of aluminum foil to prevent overcooking. Areas that need shielding include poultry wing-tips, the ends of poultry legs, and corners of square baking dishes. Use only small amounts of aluminum foil. Larger amounts can damage your oven.

Turning

Turn foods over midway through cooking to expose all parts to microwave energy. This is especially important with large items such as roasts.

Standing

Foods cooked in the microwave build up internal heat and continue to cook for a few minutes after the oven stops. Let foods stand to complete cooking, especially foods such as roasts and whole vegetables. Roasts need this time to complete cooking in the center without overcooking the outer areas. All liquids, such as soup or hot chocolate, should be shaken or stirred when cooking is complete. Let liquids stand a moment before serving. When heating baby food, stir well and test the temperature before serving.

Adding Moisture

Microwave energy is attracted to water molecules. Food that is uneven in moisture content should be covered or allowed to stand so that the heat disperses evenly. Add a small amount of water to dry food to help it cook.

Venting

After covering dish with plastic wrap, you vent plastic wrap by turning back one corner so excess steam can escape.



Cooking Instructions

General microwave tips

- Dense foods, such as potatoes, take longer to heat than lighter foods. Foods with a delicate texture should be heated at a low power level to avoid becoming tough.
- Altitude and the type of cookware you are using can affect cooking time. When using a new recipe, use the minimum cooking time and check the food occasionally to prevent overcooking.
- Foods with a non-porous skin such as potatoes or hot dogs, should be pierced to prevent bursting.
- Frying with heating oil or fat is not recommended. Fat and oil can suddenly boil over and cause severe burns.
- Some ingredients heat faster than others. For example a jelly doughnut will be hotter than the dough. Keep this in mind to avoid burns.
- Home canning in the microwave oven is not recommended because all harmful bacteria may not be destroyed by the microwave heating process.
- Although microwaves do not heat the cookware, the heat from the food is often transferred to the cookware. Always use pot holders when removing food from the microwave and instruct children to do the same.
- Making candy in the microwave is not recommended as candy can be heated to very high temperatures. Keep this in mind to avoid injury.

Guide for Cooking Eggs in Your Microwave

- Never cook eggs in the shell, and never warm hard-cooked eggs in the shell; they can explode.
- Always pierce whole eggs to keep them from bursting.
- Cook eggs just until set; they become tough if overcooked.

Guide for Cooking Vegetables in Your Microwave

- Vegetables should be washed just before cooking. Often, no extra water is needed. If dense vegetables such as potatoes, carrots and green beans are being cooked, add about ¼ cup of water.
- Small vegetables (sliced carrots, peas, lima beans, etc.) can be cooked faster than larger ones.
- Whole vegetables, such as potatoes, acorn squash or corn on the cob, should be arranged in a circle on the turntable before cooking. They will be cooked more evenly if turned over after half the cooking time.
- Always place vegetables like asparagus and broccoli with the stem ends pointing towards the edge of the dish and the tips toward the center.
- When cooking cut vegetables, always cover the dish with a lid or vented microwavable plastic wrap.
- Whole, unpeeled vegetables such as potatoes, squash, eggplant, etc., should have their skin pricked in several spots before cooking to prevent them from bursting.
- For more even cooking, stir or rearrange whole vegetables halfway through the cooking time.
- Generally, the denser the food, the longer the standing time. (Standing time refers to the time necessary for dense, large foods and vegetables to finish cooking after they come out of the oven.) A baked potato can stand on the counter for five minutes before cooking is completed, while a dish of peas can be served immediately.





Appendix

Troubleshooting Guide

Before you call a repair person for your oven, check this list of possible problems and solutions.

Neither the oven's display nor the oven operate.

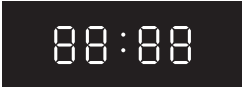
- Properly insert the plug into a grounded outlet.
- If the outlet is controlled by a wall switch, make sure the wall switch is turned on.
- Remove the plug from the outlet, wait ten seconds, then plug it in again.
- Reset the circuit breaker or replace any blown fuse.
- Plug another appliance into the outlet; if the other appliance doesn't work, have a qualified electrician repair the outlet.
- Plug the oven into a different outlet.

The oven's display works, but the power won't come on.

- Make sure the door is closed securely.
- Check to see if packing material or other material is stuck to the door seal.
- Check for door damage.
- Touch Cancel twice and re-enter all cooking instructions.

The power goes off before the set time has elapsed.

- If there has not been a power outage, remove the plug from the outlet, wait ten seconds, then plug it in again. If there was a power outage, the time indicator will display:



88:88

- Reset the clock and any cooking instructions.
- Reset the circuit breaker or replace any blown fuse.

The food is cooked too slowly.

- Make sure the oven is on its own 15 amp circuit line. Operating another appliance on the same circuit can cause a voltage drop. If necessary, move the oven to its own circuit.

You see sparks or arcing.

- Remove any metallic utensils, cookware, or metal ties. If using foil, use only narrow strips and allow at least one inch between the foil and interior oven walls.

The turntable makes noises or sticks.

- Clean the turntable, roller ring and oven floor.
- Make sure the turntable and roller ring are positioned correctly.

Using your microwave causes TV or radio interference.

- This is similar to the interference caused by other small appliances, such as hair dryers. Move your microwave further away from other appliances, like your TV or radio.



Note

If the oven is set to cook for more than 25 minutes, it will automatically adjust itself to 70 percent power after 25 minutes to avoid overcooking.





Appendix

Care and Cleaning

- Follow these instructions to clean and care for your oven.
- Keep the inside of the oven clean. Food particles and spilled liquids can stick to the oven walls, causing the oven to work less efficiently.
- Wipe up spills immediately. Use a damp cloth and mild soap. Do not use harsh detergents or abrasives.
- To help loosen baked on food particles or liquids, heat two cups of water (add the juice of one lemon if you desire to keep the oven fresh) in a four-cup measuring glass at High power for five minutes or until boiling. Let stand in the oven for one or two minutes.
- Remove the glass tray from the oven when cleaning the oven or tray. To prevent the tray from breaking, handle it carefully and do not put it in water immediately after cooking. Wash the tray carefully in warm sudsy water or in the dishwasher.
- Clean the outside surface of the oven with soap and a damp cloth. Dry with a soft cloth. To prevent damage to the operating parts of the oven, don't let water seep into the openings.
- Wash the door window with very mild soap and water. Be sure to use a soft cloth to avoid scratching.
- If steam accumulates inside or outside the oven door, wipe with a soft cloth. Steam can accumulate when operating the oven in high humidity and in no way indicates microwave leakage.
- Never operate the oven without food in it; this can damage the magnetron tube or glass tray. You may wish to leave a cup of water in the oven when it is not in use to prevent damage if the oven is accidentally turned on.

Cleaning the Grease filter

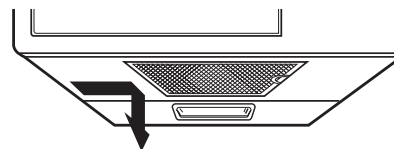
The grease filter should be removed and cleaned often, at least once a month.



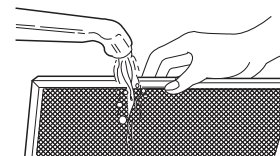
CAUTION

To avoid risk of personal injury or property damage, do not operate oven hood without filters in place.

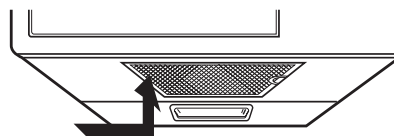
- 1 To remove grease filter, slide filter to the side. Pull filter downward and push to the other side. The filter will drop out.



- 2 Soak grease filter in hot water and a mild detergent. Rinse well and shake to dry. **Do not use ammonia or place in a dishwasher. The aluminum will darken.**



- 3 To reinstall the filter, slide it into the side slot, then push up and toward oven center to lock.



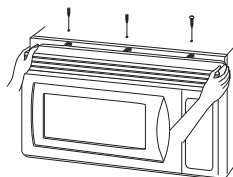


Appendix

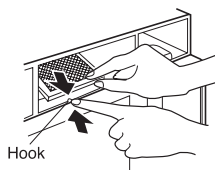
Charcoal filter Replacement

If your oven is vented to the inside, the charcoal filter should be replaced every 6 to 12 months, and more often if necessary. The charcoal filter cannot be cleaned. To order a new charcoal filter, contact the Parts Department at your nearest Authorized Service Center or call: 1-800-361-3400

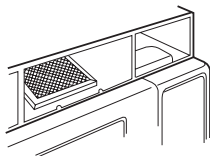
- 1 Unplug oven or turn off power at the main power supply.
- 2 Open the door.
- 3 Remove the vent grille mounting screws. (3 middle screws)
- 4 Slide the grille to the left, then pull straight out.



- 5 Push the hook and remove old filter.



- 6 Slide a new charcoal filter into place. The filter should rest at the angle shown.



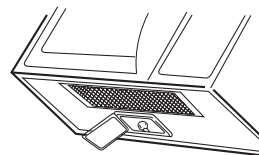
- 7 Replace the grille and 3 screws and close the door. Turn the power back on at the main power supply and set the clock.

Cooktop/Night light Replacement

CAUTION

To avoid personal injury or property damage, wear gloves when replacing light bulb.

- 1 Unplug the oven or turn off power at the main power supply.
- 2 Remove the bulb cover mounting screws.



- 3 Replace bulb with 40 watt appliance bulb.
- 4 Replace bulb cover, and mounting screws.
- 5 Turn the power back on at the main power supply.

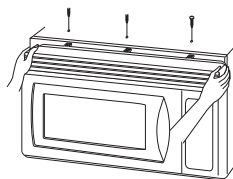




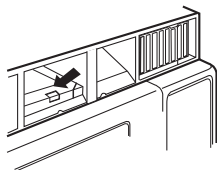
Appendix

Oven light Replacement

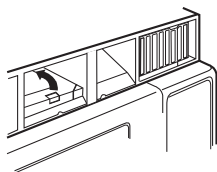
- 1 Unplug oven or turn off power at the main power supply.
- 2 Open the door.
- 3 Remove the vent cover mounting screws. (3 middle screws)
- 4 Slide the grille to the left, then pull straight out.



- 5 Remove the charcoal filter, if present.



- 6 Touch and hold the center snap while lifting the tab on the left corner. Remove the cover. Remove the bulb by turning gently.



- 7 Replace bulb with a 40 watt appliance bulb.
- 8 Replace the bulb holder.
- 9 Replace the grille and 3 screws. Turn the power back on at the main power supply.

Specifications

Model Number	SMH3150
Oven Cavity	1.5 cuft
Controls	10 power levels, including defrost
Timer	99 minutes, 99 seconds
Power Source	120 VAC, 60 Hz
Power Consumption	1500 Watts
Power Output	900 Watts(IEC 705 TEST)
Oven Cavity Dimensions	20 ³ / ₃₂ "(W) X 9 ³ / ₈ "(H) X 14 ³ / ₈ "(D)
Outside Dimensions	29 ⁷ / ₈ "(W) X 16 ¹ / ₂ "(H) X 15 ¹⁵ / ₁₆ "(D)
Shipping Dimensions	33 ³ / ₈ "(W) X 19 ³¹ / ₃₂ "(H) X 19 ¹³ / ₃₂ "(D)
Net/Gross Weight	45.4/54.2 lbs



Warranty

SAMSUNG OVER-THE-RANGE(OTR) MICROWAVE OVEN

LIMITED WARRANTY TO ORIGINAL PURCHASER

This SAMSUNG brand product, as supplied and distributed by Samsung Electronics Canada, Inc. and delivered new, in the original carton to the original consumer purchaser, is warranted by SAMSUNG against manufacturing defects in materials and workmanship for a limited warranty period of:

ONE (1) YEAR PARTS AND LABOR, TEN (10) YEARS PARTS WARRANTY FOR MAGNETRON

This limited warranty begins on the original date of purchase, and is valid only on products purchased and used in the Canada. To receive warranty service, the purchaser must contact SAMSUNG for problem determination and service procedures. Warranty service can only be performed by a SAMSUNG authorized service center. The original dated bill of sale must be presented upon request as proof of purchase to SAMSUNG or SAMSUNG's authorized service center.

SAMSUNG will repair or replace this product, at our option and at no charge as stipulated herein, with new or reconditioned parts or products if found to be defective during the limited warranty period specified above. All replaced parts and products become the property of SAMSUNG and must be returned to SAMSUNG. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer.

In-home service will be provided during the warranty labor period subject to availability within the Canada. In-home service is not available in all areas. To receive in-home service, the product must be unobstructed and accessible to service personnel. If during in-home service repair can not be completed, it may be necessary to remove, repair and return the product. If in-home service is unavailable, SAMSUNG may elect, at our option, to provide for transportation of our choice to and from a SAMSUNG authorized service center. Otherwise, transportation to and from the SAMSUNG authorized service center is the responsibility of the purchaser.

This limited warranty covers manufacturing defects in materials and workmanship encountered in normal, noncommercial use of this product and shall not apply to the following, including, but not limited to: damage which occurs in shipment; delivery and installation; applications and uses for which this product was not intended; altered product or serial numbers; cosmetic damage or exterior finish; accidents, abuse, neglect, fire, water, lightning or other acts of nature; use of products, equipment, systems, utilities, services, parts, supplies, accessories, applications, installations, repairs, external wiring or connectors not supplied or authorized by SAMSUNG which damage this product or result in service problems; incorrect electrical line voltage, fluctuations and surges; customer adjustments and failure to follow operating instructions, cleaning, maintenance and environmental instructions that are covered and prescribed in the instruction book; problems caused by pest infestations, and overheating or

- overcooking by user; glass tray or turntable; reduced magnetron power output
- related to normal aging. SAMSUNG does not warrant uninterrupted or error-free operation of the product.
- THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE LISTED AND DESCRIBED ABOVE, AND NO WARRANTIES WHETHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE,
- SHALL APPLY AFTER THE EXPRESS WARRANTY PERIODS STATED ABOVE, AND NO OTHER EXPRESS WARRANTY OR GUARANTY GIVEN BY ANY PERSON, FIRM OR CORPORATION WITH RESPECT TO THIS PRODUCT SHALL BE BINDING ON SAMSUNG. SAMSUNG SHALL NOT BE LIABLE FOR LOSS OF REVENUE OR PROFITS, FAILURE TO REALIZE SAVINGS OR OTHER BENEFITS, OR ANY OTHER SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY THE USE, MISUSE OR INABILITY TO USE THIS PRODUCT, REGARDLESS OF THE LEGAL THEORY ON WHICH THE CLAIM IS BASED, AND EVEN IF SAMSUNG HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. NOR SHALL RECOVERY OF ANY KIND AGAINST SAMSUNG BE GREATER IN AMOUNT THAN THE PURCHASE PRICE OF THE PRODUCT SOLD BY SAMSUNG AND CAUSING THE ALLEGED DAMAGE. WITHOUT LIMITING THE FOREGOING, PURCHASER ASSUMES ALL RISK AND LIABILITY FOR LOSS, DAMAGE OR INJURY TO PURCHASER AND PURCHASER'S PROPERTY AND TO OTHERS AND THEIR PROPERTY ARISING OUT OF THE USE, MISUSE OR INABILITY TO USE THIS PRODUCT SOLD BY SAMSUNG NOT CAUSED DIRECTLY BY THE NEGLIGENCE OF SAMSUNG. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT, IS NONTRANSFERABLE AND STATES YOUR EXCLUSIVE REMEDY.
- Some province do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.
- To obtain warranty service, please contact SAMSUNG at:

1-800-SAMSUNG (7267864) and www.samsung.com/ca





Quick Reference

Feature	Operation
Set Clock	1 Touch CLOCK. 2 Use number Pads to enter the current time. 3 Touch CLOCK again.
One Stage Cooking	1 Use function Pads to set cooking time. 2 Touch ENTER/START.
One minute + Cooking	1 Touch One Minute + Pad once for each minute of cooking. 2 The time will be displayed and the oven will start.
Auto Defrost	1 Touch AUTO DEFROST. 2 Enter weight of food by touching AUTO DEFROST Pad repeatedly or using the number Pads. 3 Touch ENTER/START. 4 When the oven beeps, turn food over. Touch ENTER/START to resume defrosting cycle.
Set Cooking Time and Power Levels	1 Use function Pads to set cooking time. 2 To set higher power level, touch POWER LEVEL and use the number Pads to enter the power level. 3 Touch ENTER/START to begin cooking.





QUESTIONS OR COMMENTS?

Country	CALL	OR VISIT US ONLINE AT
IN CANADA	1-800-SAMSUNG (7267864)	www.samsung.com/ca

Samsung Electronics Co., Ltd.
Printed in Malaysia

